

Table 3A: Ongoing and Low Hanging New Sustainable Initiatives - Implement in next 12 months

<b>Governance</b>			
Goal 2: Retain Bloomington's financial capacity to implement sustainable initiatives.	Objective	Comments	Implementation Dept. / Division
2.5 Continue to purchase "green" office and program products, such as paper with recycled content.	To purchase products that are conducive to the impacts on the environment.		
Goal 3: Protect our environmental resources and maintain and enhance public facilities and infrastructure.	Objective	Comments	Implementation Dept. / Division
3.2 Use sustainable building practices when constructing city facilities.	To reduce resource consumption and minimize long-term costs.	A current example is the Dwan maintenance building design that incorporates a number of LEED energy efficiency, sustainable site, material and resources and indoor environmental quality best practices.	Public Works
3.5 Continue contract with Senior Community Services to support older adults in maintaining their homes.	To maintain the existing housing stock.		HRA
<b>Health &amp; Wellness</b>			
Goal 1: Integrate health data into sustainability planning.	Objective	Comments	Implementation Dept. / Division
1.2 Continue practice of conducting comprehensive community health needs assessment and developing community health improvement plans.	To develop list of top 10 health issues.	Mandated; will occur in 2013.	Health
Goal 3: Ensure access to secure, nutritious and affordable foods.	Objective	Comments	Implementation Dept. / Division
3.5 Maintain the community garden plot program.	To provide open spaces for sustainable agriculture.		Parks
3.6 Continue to encourage fresh produce donations from farmers markets and community gardens to food shelves serving Bloomington.	To provide fresh local foods to families in need.		
<b>Climate</b>			
Goal 1: Minimize the generation of greenhouse gas emissions from city activities.	Objective	Comments	Implementation Dept. / Division
1.1 Identify key environmental sustainability indicators (energy use, water use, solid waste, recycling, etc.) and measure them.	To set a benchmark that allows for performance tracking.	Participate in the Regional Indicator Initiative to benchmark city-wide sustainability indicators for energy use, water use, solid waste and recycling.	Community Development
1.4 Continue to order energy efficient city vehicles with higher gas mileage.	To provide a fleet that increases fuel economy.		Public Works
Goal 3: Improve community-wide dissemination of sustainability information.	Objective	Comments	Implementation Dept. / Division
3.4 Post additional information about city practices and sustainability plan on the city web site's sustainability page.	To provide complete sustainability information to residents and businesses.		Communications
3.5 Continue Earth Action page devoted to sustainability issues in the Bloomington Briefing.	To educate the public on options to protect the environment.	"Earth Action Hero" feature recognizes residents taking steps to improve the environment.	Communications
3.7 Update information on how to reduce, reuse and recycle on the City's web site.	To educate the public on ways the latest tips to reduce, reuse and recycle.		Communications
3.8 Continue to provide online services for residents including E-Subscribe, Ask the City, Facebook and Twitter.	To provide a paperless information system to reach the public.		Communications

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Energy Use			
Goal 1: Improve the efficiency of existing municipal buildings.	Objective	Comments	Implementation Dept. / Division
1.4 Evaluate energy efficiency of city buildings.	To conserve energy.	Track progress of energy reduction (e.g.. use the State of MN B3 benchmarking capabilities and database <a href="https://mn.b3benchmarking.com/default.aspx">https://mn.b3benchmarking.com/default.aspx</a> ). Public Works Facility Study will assist in measurements.	Public Works
1.6 Implement computer idling policy.	To conserve energy.	Require computers to be turned off when employees end their workday. Although power saving features are built into PCs, monitors and printers, IS estimates this policy would save an additional 50 cents per week per workstation, or about \$15,000 to \$20,000 per year.	Information Services
1.7 Complete 2013 Master Facilities Plan for all City buildings and identify additional energy upgrades that meet payback objectives.	To establish a benchmark and conserve energy.	Implement upgrades that meet payback objectives	Public Works
Goal 3: Modernize energy infrastructure for improved efficiency and reliability.	Objective	Comments	Implementation Dept. / Division
3.8 Replace bulbs in difficult to access locations and the largest wattage bulbs with LEDs.	To conserve energy and reduce maintenance time replacing burned out incandescent and CFL light bulbs.	LEDs last about 25 times as long as incandescent and three times as long as CFLs and are more efficient. LED bulbs convert 60 percent of the electricity used into light. A test will need to be done to approve the spectrum of light produced.	Public Works
3.9 Continue upgrading HVAC to higher efficiency systems.	To conserve energy.		Public Works
3.10 Upgrade remaining park skating/hockey rink lighting.	To conserve energy.		Public Works
3.11 Continue updating lighting controls in City buildings	To conserve energy.		Public Works
3.12 Continue retrofitting traffic signals with LED lights.	To conserve energy.		Public Works
3.13 Continue providing information on improving energy efficiency in commercial kitchen and lodging facilities during permitting.	To educate businesses on ways to conserve energy.		Community Development
3.14 Partnership with Center for Energy and Environment to bring their Community Energy Services program to homeowners in the City.	To assist homeowners in identifying ways to improve energy conservation.	Homeowners pay \$50 to have Home Energy Squad do a complete energy audit and install a programmable thermostat, high-efficiency water fixtures, door weather-stripping, a water heater blanket, specialty compact fluorescent light bulbs, and water heater pipe wrap. If additional improvements are recommended, both the HRA and CEE have financing available.	HRA
3.15 Continue upgrades outlined in the basic energy audit for major City Buildings.	To conserve energy.		Public Works

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<b>Nature &amp; Resources</b>			
Goal 1: Maintain high quality recreation facilities, parks and open spaces.	Objective	Comments	Implementation Dept. / Division
1.2 Undertake natural resource restoration projects on a regular basis	To remove invasive species, improve degraded natural areas, and protect high-quality natural areas in the parks.		Public Works
1.3 At the time of park development or redevelopment, explore options to improve storm water management.	To improve stormwater management.	Options include the use of rain gardens, permeable pavement, bio-swales, etc.	Parks/Public Works
1.4 Continue to utilize volunteers to "adopt" parks and/or undertake maintenance projects within the parks.	To protect the natural resources of the city parks.	Projects include trash pick-up, invasive species removal, playground surfacing maintenance, pond maintenance, invasive species removal, etc	Parks/Public Works
1.5 Provide high quality parks and recreation facilities and programs that encourage use "close to home."	To offer recreational options for all city residents close to their home.	Reduces carbon emission and gasoline consumption required when traveling outside the community for recreation.	Parks/Public Works
Goal 2: Reduce the total volume of waste generated and the amount disposed in landfills.	Objective	Comments	Implementation Dept. / Division
2.1 Increase recycling at Bloomington parks and municipal buildings	To reduce the amount of waste that ends up in the landfill.	Conduct a sorting study and pilot project at Bloomington parks and city buildings to quantify recycling potential.	Public Works
2.8 Recycle approximately 24,000 cubic yards of high-quality lime residual annually per year as agricultural lime for soil stabilization on farm fields around the 7-county metro area.	To reuse high-quality lime residual.		Public Works
2.9 Continue the annual citywide Curbside Clean-up.	To have uniform large item pick-up.		Public Works
2.10 Continue to provide recycling containers at major events.	To reduce the amount of waste that ends up in the landfill.	Applies to events such as Summer Fete	Parks/Public Works
2.11 Assist in the efforts of the Curbside Clean-up by arranging volunteers to help older adults and people with disabilities to carry items to the curb.	To assist homeowners in reducing debris and clutter.		Parks/Public Works
Goal 3: Reuse materials to capture their economic value.	Objective	Comments	Implementation Dept. / Division
3.1 Recycle tree debris into park mulch and invasive species, such as buckthorn, into mulch to be used as fuel by St. Paul District Energy	To reuse natural resources.		Public Works
3.2 Continue contract with Bridging to provide recycled furniture and small household supplies to residents in need.	To provide a reuse for used furniture.		
Goal 4: Protect and improve wetlands, waterways and aquatic ecosystems.	Objective	Comments	Implementation Dept. / Division
4.6 Testing of low-maintenance fescue grass	To reduce the maintenance of the grass within these areas.	Requires very little fertilizer, water and sunlight to grow and reduces the number of times to be mowed.	Public Works
4.7 Updated City-wide wetland functions and values inventory.	To identify the wetland inventory within the city.		Public Works
4.8 Continue the surface water aquatic vegetation management program focusing on water quality parameters and sustainable practices.	To protect surface water.		Public Works
4.9 Continue to work with the watershed district to maintain the Bush Lake shoreline restoration project that was completed as part of the original outlet project.	To restore the Bush Lake shoreline.		Public Works
4.10 Continue to work with Hennepin County Wetland Health Evaluation Program.	To assess the health of city wetlands.	Citizen volunteers monitor wetlands throughout the city to assess overall health.	Public Works
4.11 Continue implementation of snow and ice calibration and technology improvements to minimize salt application.	To reduce the amount of salt used on city streets.		Public Works
4.12 Metro Blooms project and workshops.	To provide outreach to the public on gardening projects.		Public Works
4.13 Continue enforcing the shoreline protection zones and MN River bluff protection zone.	To protect the natural resources.		Community Development
4.14 Continue the protection of cultural and natural assets in the community.	To protect the cultural and natural resources.		Citywide
4.15 Reconstruct natural surface trails in the MN River valley to reduce erosion and enhance safety by trail users.	To reduce erosion within the MN River valley.		Parks/Public Works

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Goal 5: Protect aquifers and reduce groundwater/aquifer use.	Objective	Comments	Implementation Dept. / Division
5.6 Maintain the computerized irrigation system at Dwan Golf Club that monitors soil moisture and waters turf only when necessary.	To conserve water.		Parks/Public Works
Goal 6: Increase stormwater infiltration and reduce flood potential.	Objective	Comments	Implementation Dept. / Division
6.2 Implemented rain garden program with annual Pavement Management Program.	To infiltrate rain water.		Public Works
6.3 Continue converting manicured turf to natural prairie.	To infiltrate rain water.		Public Works
6.4 Implement a Storm Water Pollution Prevention Program under the MPCA MS4 Stormwater Permit Program.	To infiltrate rain water and reduce runoff.		Public Works
6.5 Upgrading the storm water system to maintain flood protection and improve water quality.	To infiltrate rain water and maintain flood protection.		Public Works
<b>Transportation</b>			
Goal 1: Improve accessibility using efficient and affordable transit.	Objective	Comments	Implementation Dept. / Division
1.3 Implement the Alternative Transportation Plan.	To provide for alternative transportation within the city.		Parks/Public Works
1.4 Implement the Transportation Demand Management.	To promote more efficient use of existing transportation facilities and reduce traffic congestion		Public Works
Goal 2: Provide safe, secure route network for cyclists and pedestrians.	Objective	Comments	Implementation Dept. / Division
2.4 Implement the Complete Streets Policy.	To improve the city's walking and biking facilities, and connections between neighborhoods, businesses, transit and recreational amenities.		Parks/Public Works
Goal 3: Reduce traffic congestion by encouraging short trip lengths and reducing vehicle miles traveled.	Objective	Comments	Implementation Dept. / Division
3.4 Implement the Collector Street Program.	To minimize traffic congestion and increase safety.		Public Works
3.5 Implement the Signal Optimization Project.	To reduce traffic congestion and improve traffic flow.		Public Works
3.6 Implement the traffic management and wayfinding in South Loop.	To improve traffic flow and assist motorists in finding the direct route.		Public Works
3.7 Implement intersection improvements for congestion mitigation.	To reduce traffic congestion.		Public Works